

The 2.4 and 5.x unlicensed frequencies are getting increasingly swamped from many various Wireless Internet Service Providers, WLAN (home networks), and WiFi. If WISPs (Wireless Internet Service Providers) were able to provide customers high speed services via the 3650-3700Mhz spectrum (that would become unlicensed), many many more consumers and businesses would be able to have high speed Internet, especially in very rural areas. Regional ISPs are unable to provide to residences DSL that is competitive with SBC, Verizon, Qwest, etc because the wholesale price ISPs are having to buy at are blocking any opportunity for ISPs to break even for Residential customers. ISPs have to buy the wholesale DSL at a couple dollars less than SBC's retail price is being offered to residences and businesses. On top of that, ISPs have to provide bandwidth for their customers along with an ATM circuit. If an ISP attempted to provide DSL to residential customers, the ISP would be having to pay out around \$50 per customer of expenses for a residential customer paying at retail for around \$26.95. For the ISP to become competitive to residential customers, they'd have to sell their DSL around \$26.95 (same as SBC is currently selling at) or even if the ISP sold for \$34.95, they'd be having too many expenses to make this possible. Also, we're not including the \$99 DSL modem or \$49 installation that SBC waives automatically for their DSL. For ISPs to sell DSL, we'd have to waive the \$99 DSL modem and \$49 install.

Total expenses:

- \$15 per customer (Bandwidth)
- \$15 per customer (ATM circuit)
- \$24 per customer (SBC line)
- \$99 per customer (DSL modem)
- \$49 per customer (Installation)

\$54.00 Expenses - \$26.95 paid by customer = \$27.05 per month debt.

\$99 + \$49 = \$148 all waived for customer = \$148.00 one-time debt.

Total for one year of debt per customer: \$472.60 per year.

If ISPs had equal opportunity (as equal as SBC) to provide DSL to customers without restraints that would be absolutely great.

ISPs are sometimes able to managed to sell Business DSL to customers, although because SBC sells the \$26.95 product also to Business customers, most ISPs are unable to do this also. The only areas ISPs are able to thrive are in the rural areas where DSL or Cable is not available. Many ISPs hire many employees and spark growth in communities that otherwise would not happen with phone companies only based out of some major cities.

Being able to provide residences and businesses High Speed Wireless Internet in the 3650-3700Mhz spectrum would do very well to spurr growth for small and medium sized ISPs that create jobs and spark the economy.